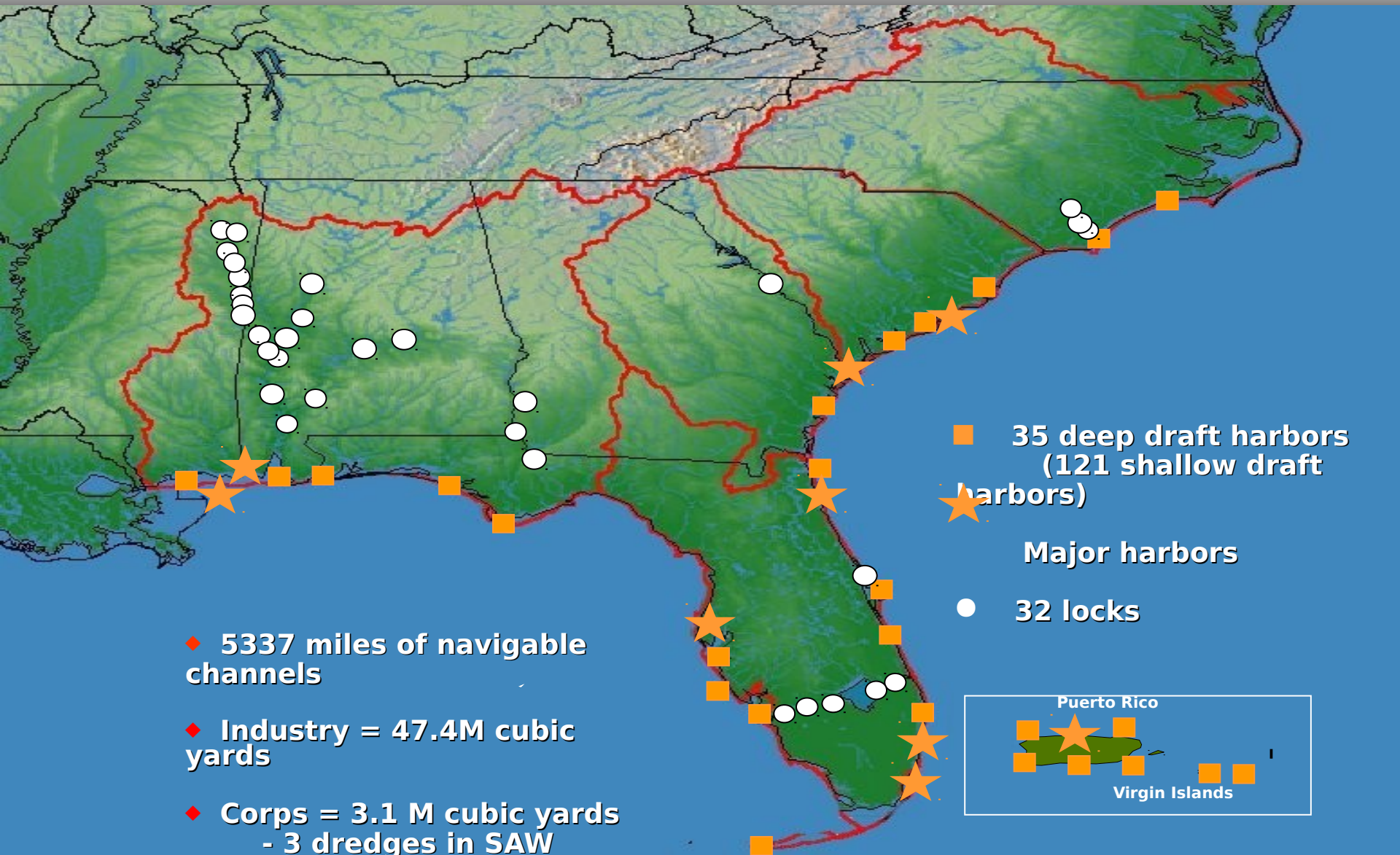
Deep Draft Navigation in South Atlantic Division

Terry Stratton
Policy and Plan Formulation
South Atlantic Division

Navigation

South Atlantic Division



Activity in SAD

South Atlantic Division

Commerce

- 267M Tons In/Out of Deep Draft Harbors
- $103B Deep Draft Import/Export Value
- 11M Tons Shallow Draft Commerce
- 7.4B Ton-Miles of Inland Waterway Commerce

Savannah Harbor Port Facilities, Georgia

Navigation

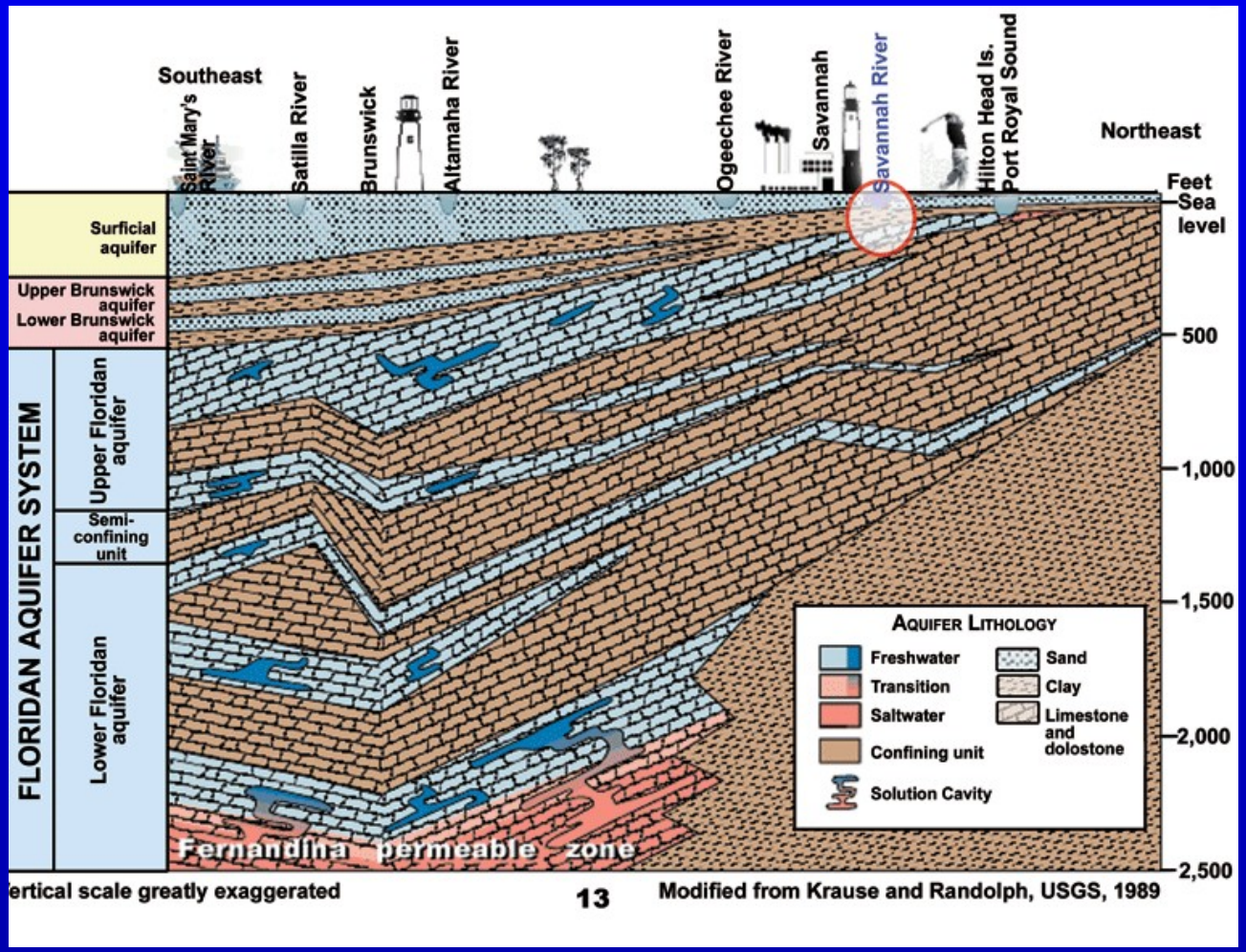
Select Ports

- Wilmington, NC
- Charleston, SC
- Savannah, GA
- Brunswick, GA
- Jacksonville, FL
- Port Everglades, FL
- Miami Harbor, FL
- San Juan, PR
- Tampa Bay, FL
- Mobile, AL

Wilmington Harbor, NC

South Atlantic Division

Savannah Harbor, GA



Jacksonville Harbor, FL

South Atlantic Division

Port Everglades, FL

South Atlantic Division

NORTH TURNING BASIN
31'
FORT LAUDERDALE
OUTER ENTRANCE CHANNEL WIDEN TO 800 FEET AND EXTEND 2200 FEET SEAWARD AND DEEPEN TO 53' PROPOSED
50'
450'
MAIN TURNING BASIN
42'
SOUTH TURNING BASIN
DEEPEN INNER ENTRANCE CHANNEL (50'), MAIN TURNING BASIN (50'), SOUTH TURNING BASIN (42') SOUTHPORT ACCESS CHANNEL (47'), AND DANIA CUTOFF CANAL (32') PROPOSED IMPROVEMENTS
TURNING NOTCH EXTEND 400' DEEPEN TO 42'
42'
DANIA CUTOFF CANAL
32'
TB
N
Atlantic Ocean
Port Everglades Harbor
One-third of all Florida's energy requirements are met by Port Everglades.
LOCATION MAP
PORT EVERGLADES, FLORIDA

Miami Harbor, FL

- Recommends a LPP Deepening project
  - 52-foot at bar, 50-foot inner channel MLLW
  - Expand Fisher Island Turning Basin
  - Expand Lummus Island Turning Basin
  - Widen entrance channel
  - Shift and widen main channel
- Total cost $157,295,000

- Report Started Jan 1999
- AFB - Jun 2002, Draft - Feb 2003, Final April - 2004
- Chief’s Report April 2005

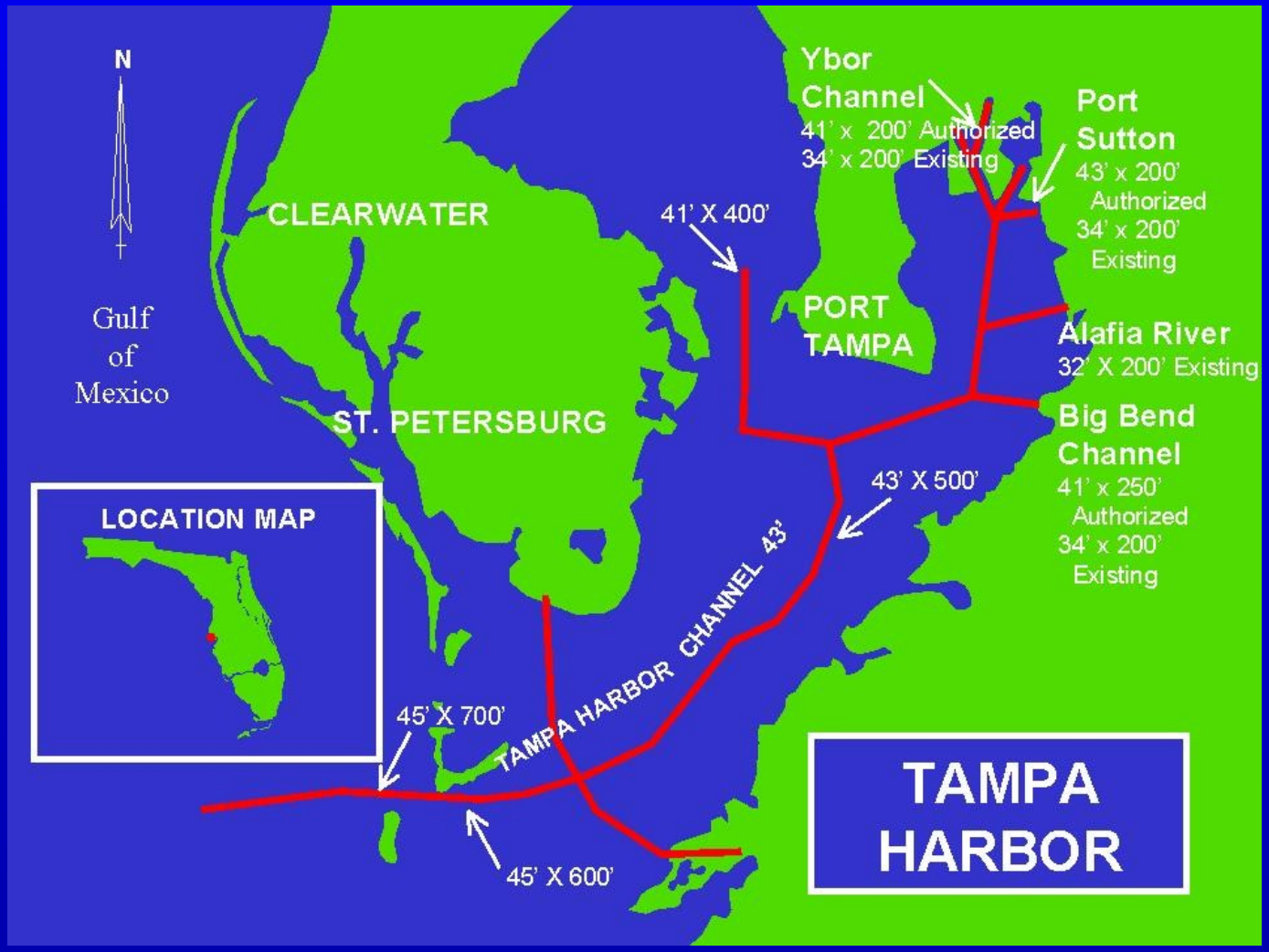
Miami Harbor, FL

South Atlantic Division

San Juan, PR

San Juan Harbor

Tampa Harbor, FL



Manatee Harbor, FL

St Petersburg Harbor, FL

South Atlantic Division

Tampa Bay
TURNING BASIN
• AUTHORIZED TO 24 FT DEPTH
• CONSTRUCTED TO 24 FT DEPTH
OUTER CUT CHANNEL
• AUTHORIZED TO 24 FT X 300 FT
• CONSTRUCTED TO 23 FT X 250 FT
CUT A
• AUTHORIZED TO 20 FT X 300 FT
• CONSTRUCTED TO 20 FT X 250 FT
N
ST. PETERSBURG
LOCATION MAP
PINELLAS COUNTY
ST. PETERSBURG HARBOR

Mobile Harbor, AL

PCX Deep Draft Navigation
Mobile District

South Atlantic Division

- Leadership
- Capabilities
- Current studies and level of involvement
- Models
- Contact Information

Summary

- Deep Draft Navigation – Alive and Well
- Challenges – other than money
- Environmental Successes
- Questions